

FIG. 1 is a side view of a person lying on a bed with a sensor system 14 positioned on the back of the person. The sensor system 14 includes a sensor 30 and a control unit 34. The sensor 30 is connected to the control unit 34 by a cable 35. The control unit 34 is connected to a computer 16 by a cable 17. The computer 16 is connected to a network 16a. The sensor system 14 is used to monitor the person's vital signs.

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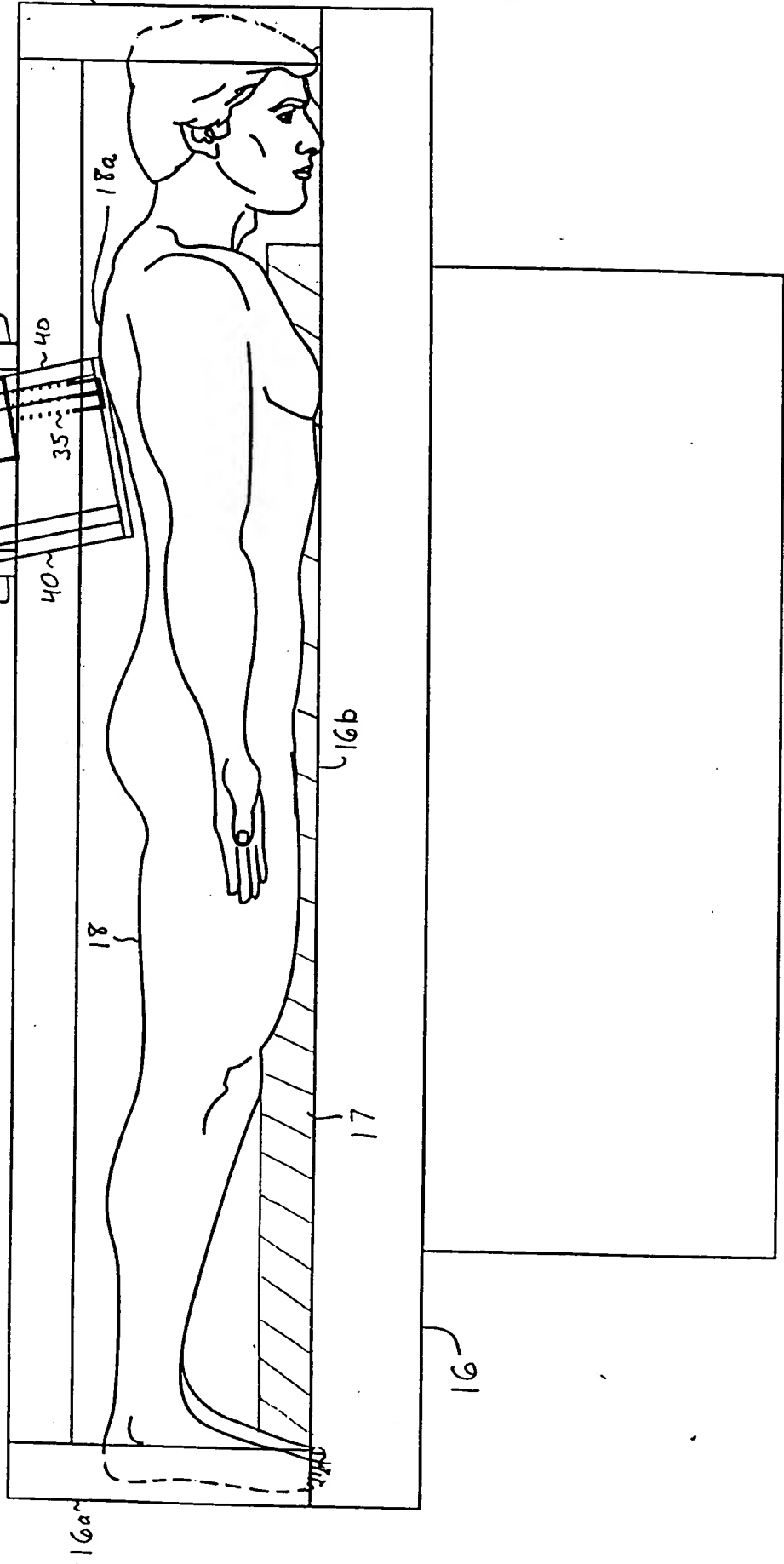


FIG. 1

FIG. 2 is a schematic diagram of a person standing within a measurement apparatus, showing the X and Y axes of movement.

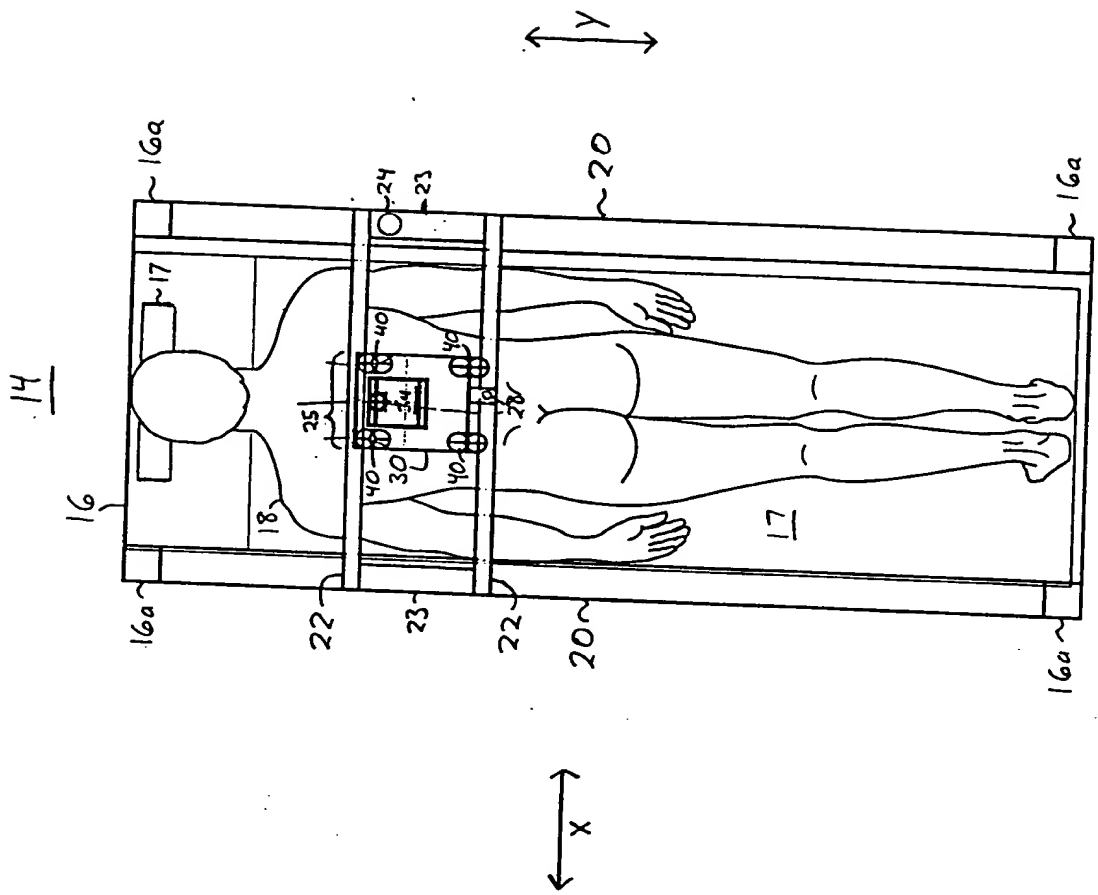


FIG. 2

FIG. 3 is a cross-sectional view of the device of FIG. 1, taken along line 3-3 of FIG. 1, showing the internal components and the flow of fluid through the device.

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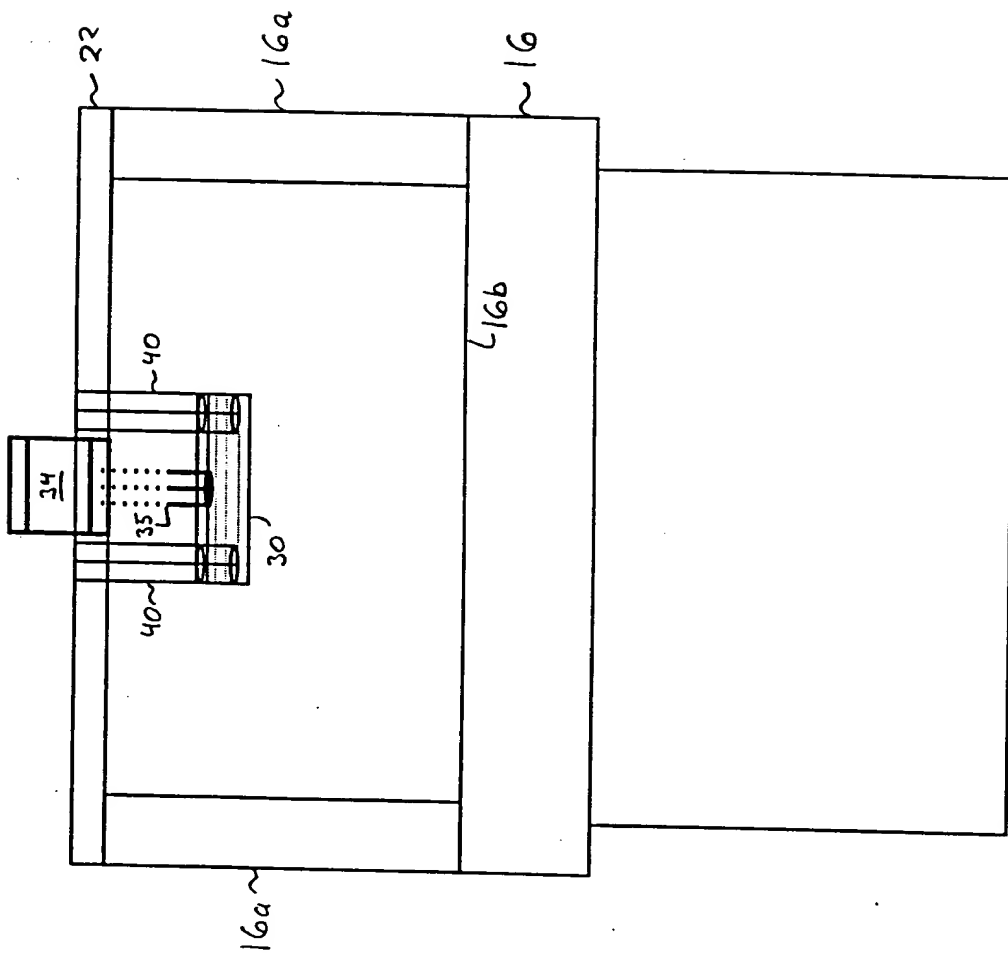


FIG. 3

FIG. 4 is a perspective view of the device of FIG. 1, showing the device in a closed position. The device includes a base 30, a top cover 31, and a central component 32. The top cover 31 is hinged to the base 30 and is shown in a closed position. The central component 32 is located within the base 30 and is connected to the top cover 31. The device is shown in a perspective view, with the top cover 31 and the central component 32 being the primary components visible. The base 30 is shown in a perspective view, with the top cover 31 and the central component 32 being the primary components visible. The device is shown in a perspective view, with the top cover 31 and the central component 32 being the primary components visible.

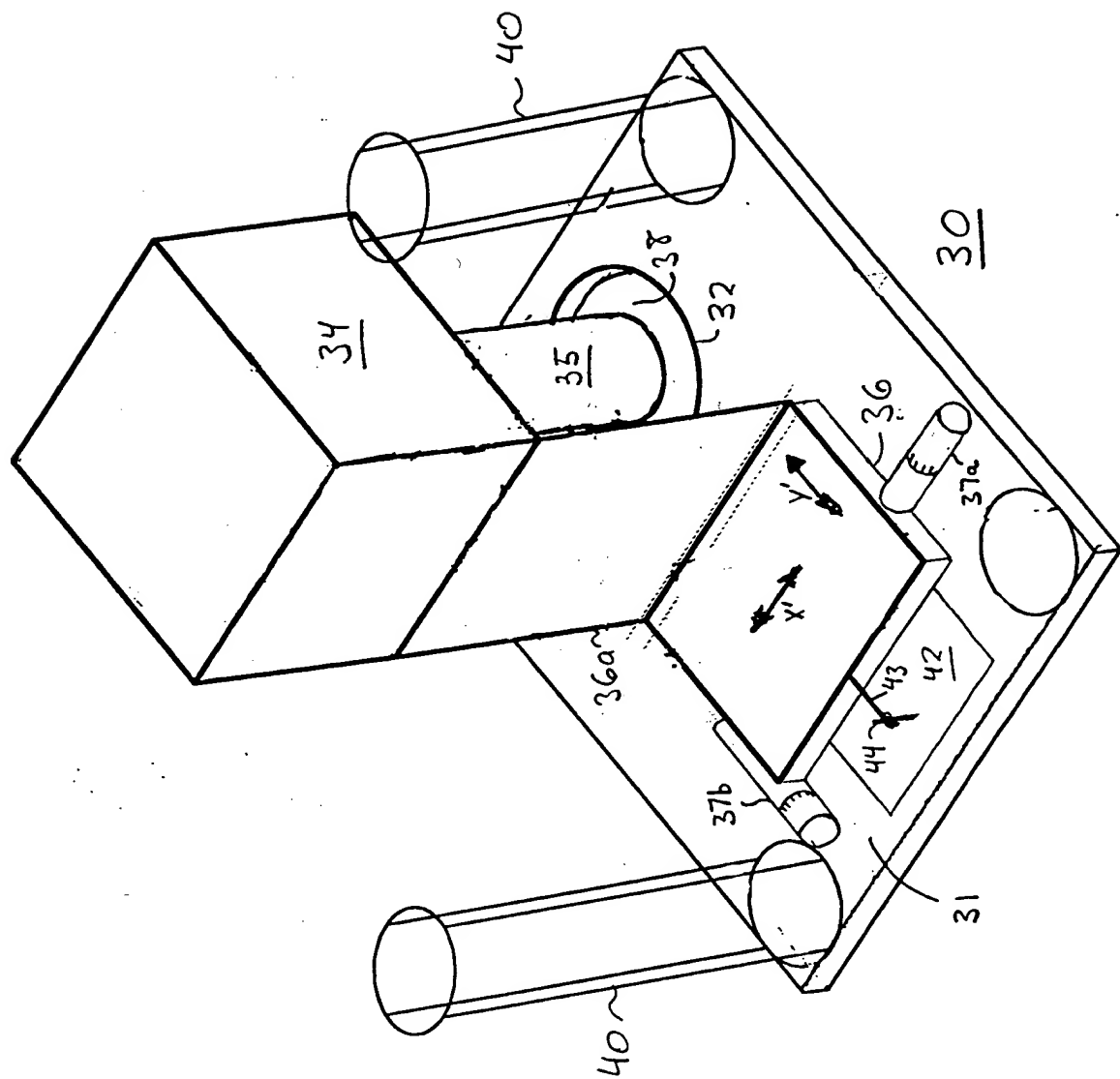


FIG. 4

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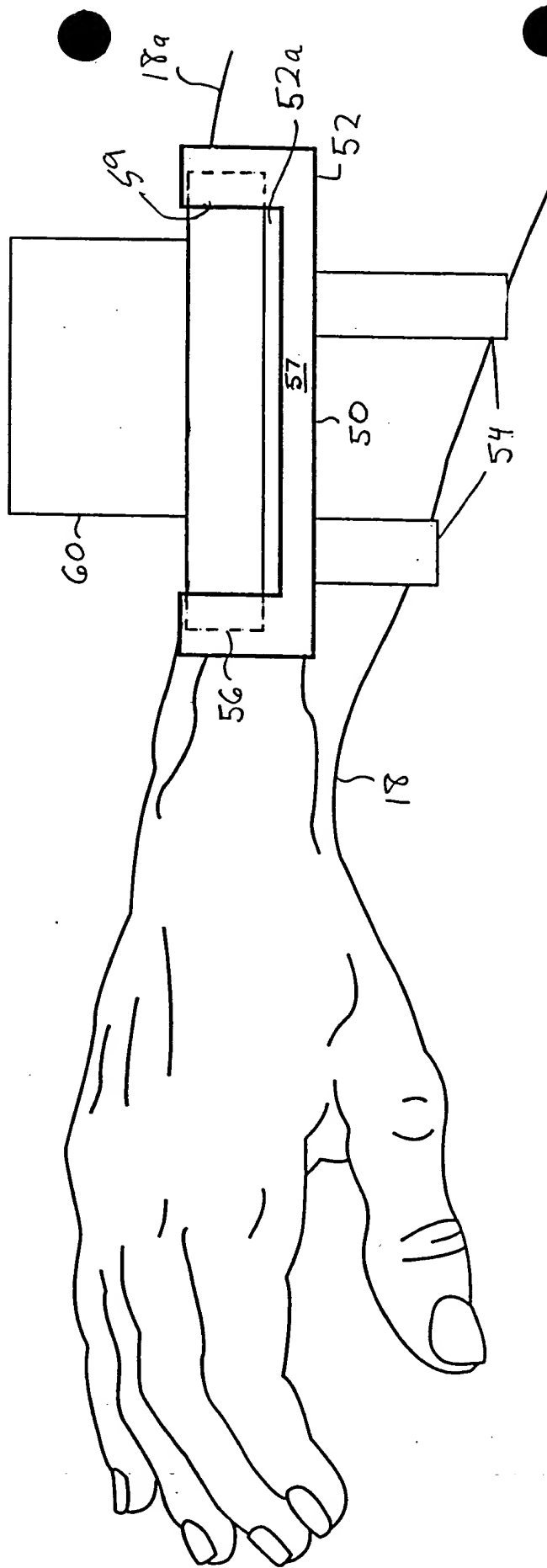


FIG. 5

FIG. 6 is a perspective view of the toilet seat assembly 50 in a closed position. The toilet seat assembly 50 includes a toilet seat 52 and a toilet bowl 54. The toilet seat 52 is hinged to the toilet bowl 54 at a hinge 56. The toilet seat 52 is shown in a closed position, resting on the toilet bowl 54. The toilet seat 52 includes a top surface 58 and a bottom surface 60. The bottom surface 60 is shown in a perspective view, revealing a rectangular shape. The bottom surface 60 is connected to the toilet bowl 54 by a hinge 56. The hinge 56 is located at the rear of the toilet seat 52. The toilet seat 52 is shown in a closed position, resting on the toilet bowl 54. The toilet seat 52 includes a top surface 58 and a bottom surface 60. The bottom surface 60 is shown in a perspective view, revealing a rectangular shape. The bottom surface 60 is connected to the toilet bowl 54 by a hinge 56. The hinge 56 is located at the rear of the toilet seat 52. The toilet seat 52 is shown in a closed position, resting on the toilet bowl 54. The toilet seat 52 includes a top surface 58 and a bottom surface 60. The bottom surface 60 is shown in a perspective view, revealing a rectangular shape. The bottom surface 60 is connected to the toilet bowl 54 by a hinge 56. The hinge 56 is located at the rear of the toilet seat 52.

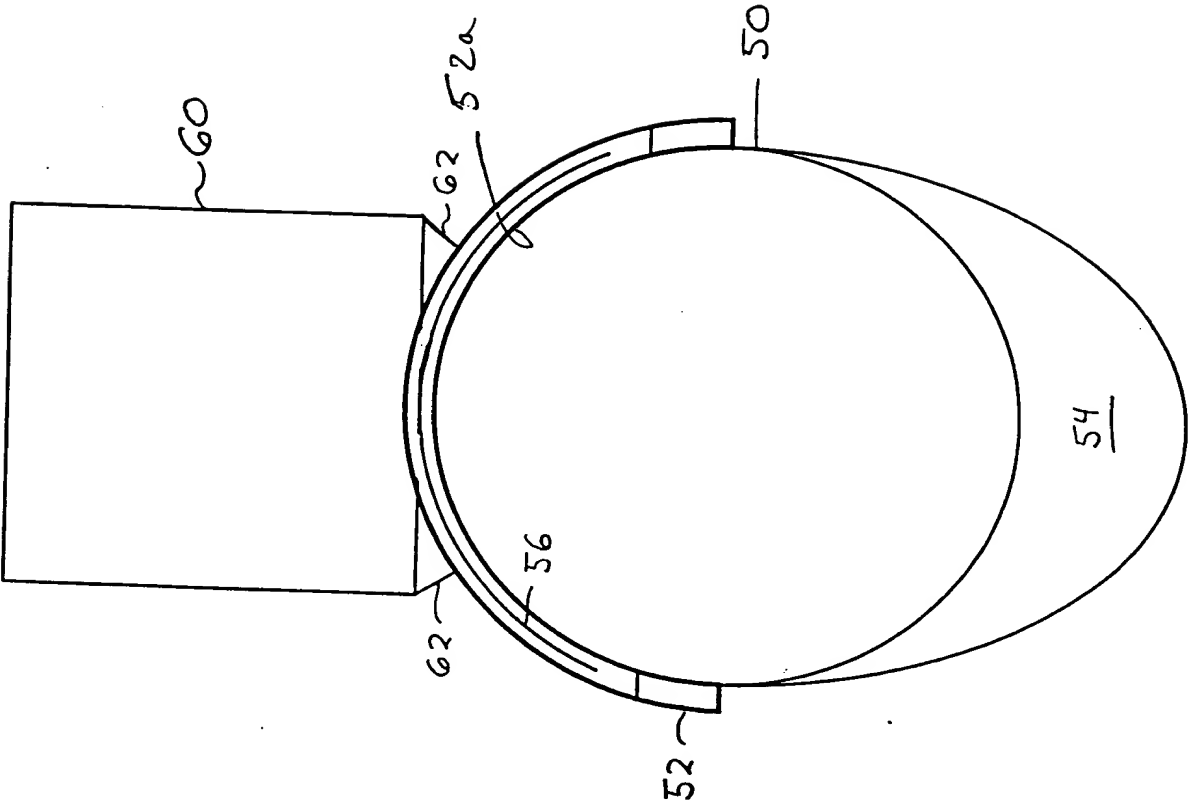


FIG. 6

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FIG. 7 is a schematic diagram of a device 50 in accordance with the present invention. The device 50 includes a housing 52, a display 54, a control panel 56, and a power source 58. The housing 52 is a rectangular enclosure that houses the other components. The display 54 is a rectangular screen that displays information. The control panel 56 is a rectangular panel that contains buttons and controls. The power source 58 is a battery or other power source that provides power to the device.

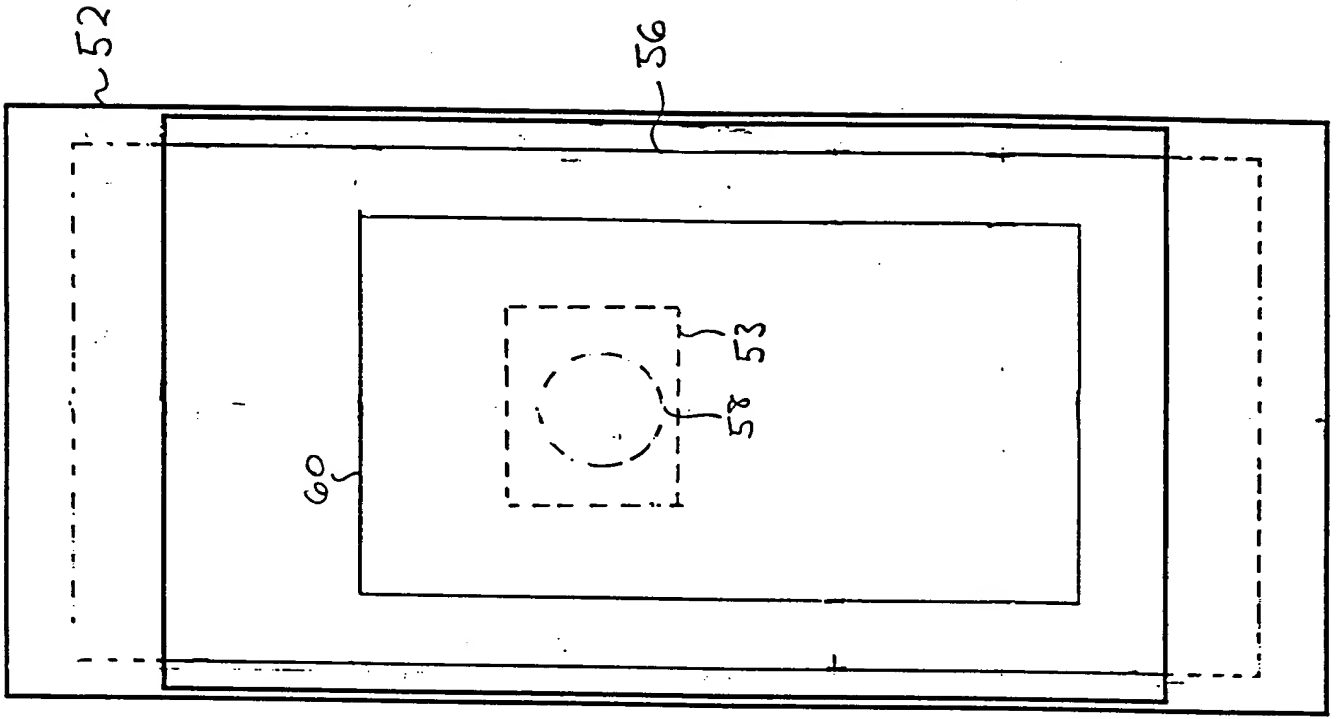


FIG. 7

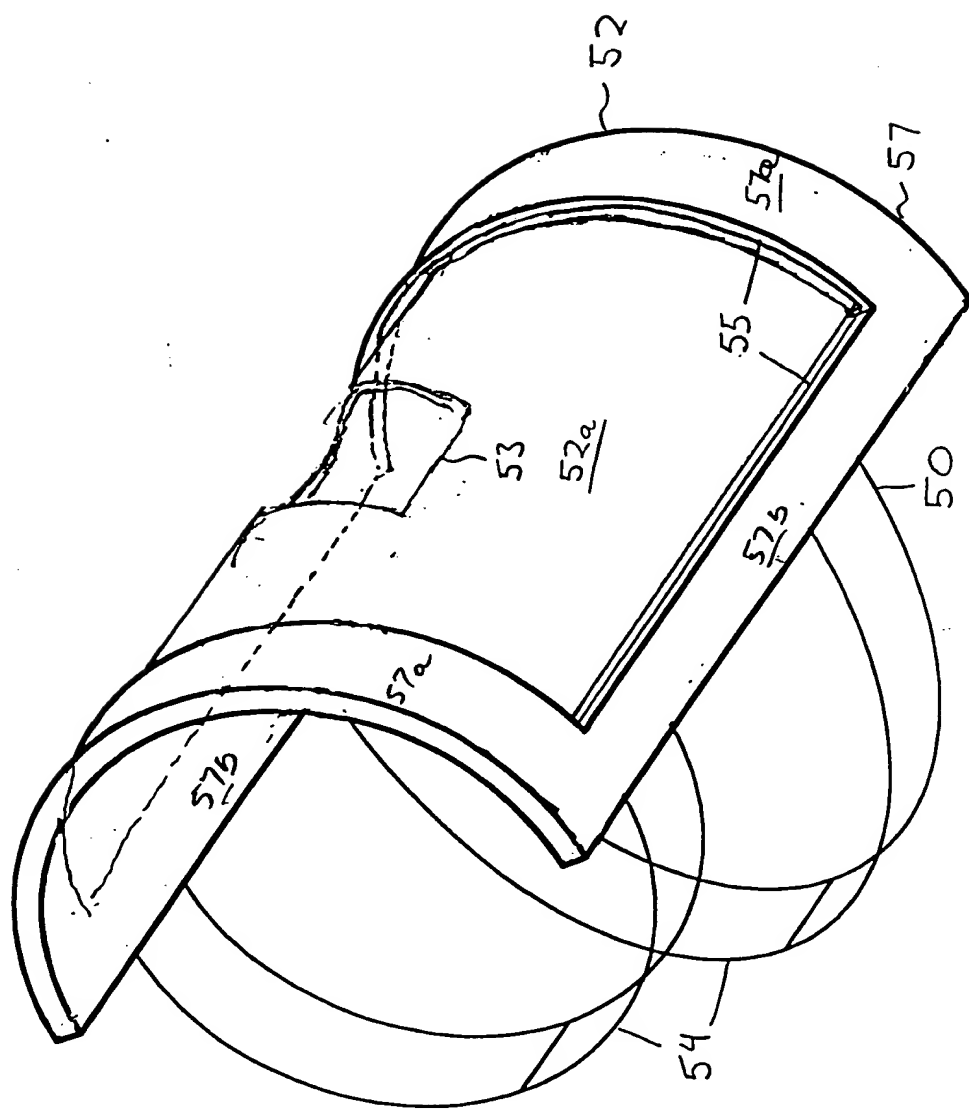


FIG. 8



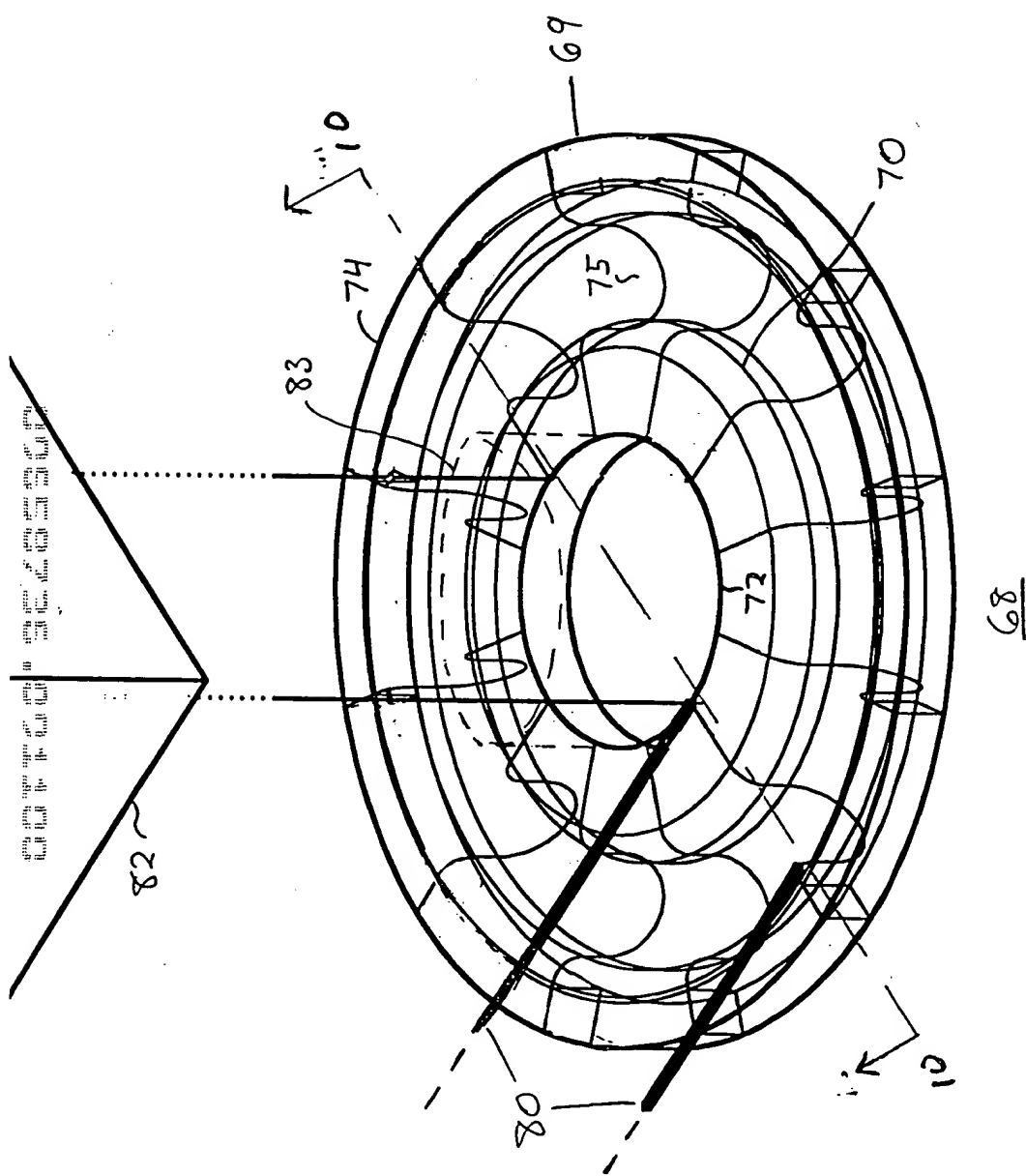


FIG. 9

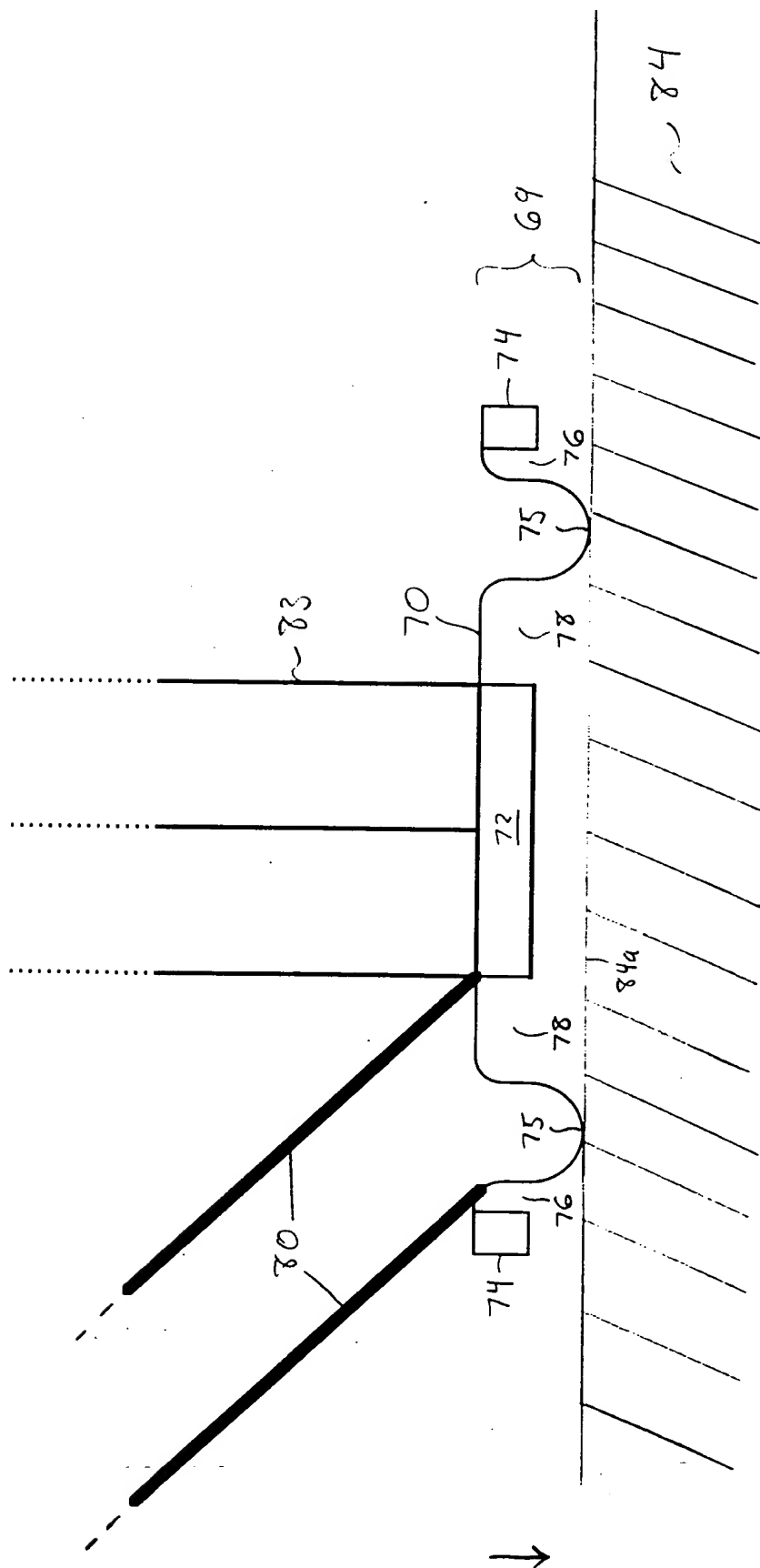


FIG. 10

FIG. 11 is a cross-sectional view of the device of FIG. 10, showing the device in a retracted position. The device includes a housing 70, a piston 72, and a spring 74. The piston 72 is shown in a retracted position, and the spring 74 is shown in a compressed state. The housing 70 is shown with a cross-hatched pattern. The piston 72 is shown with a cross-hatched pattern. The spring 74 is shown with a cross-hatched pattern.

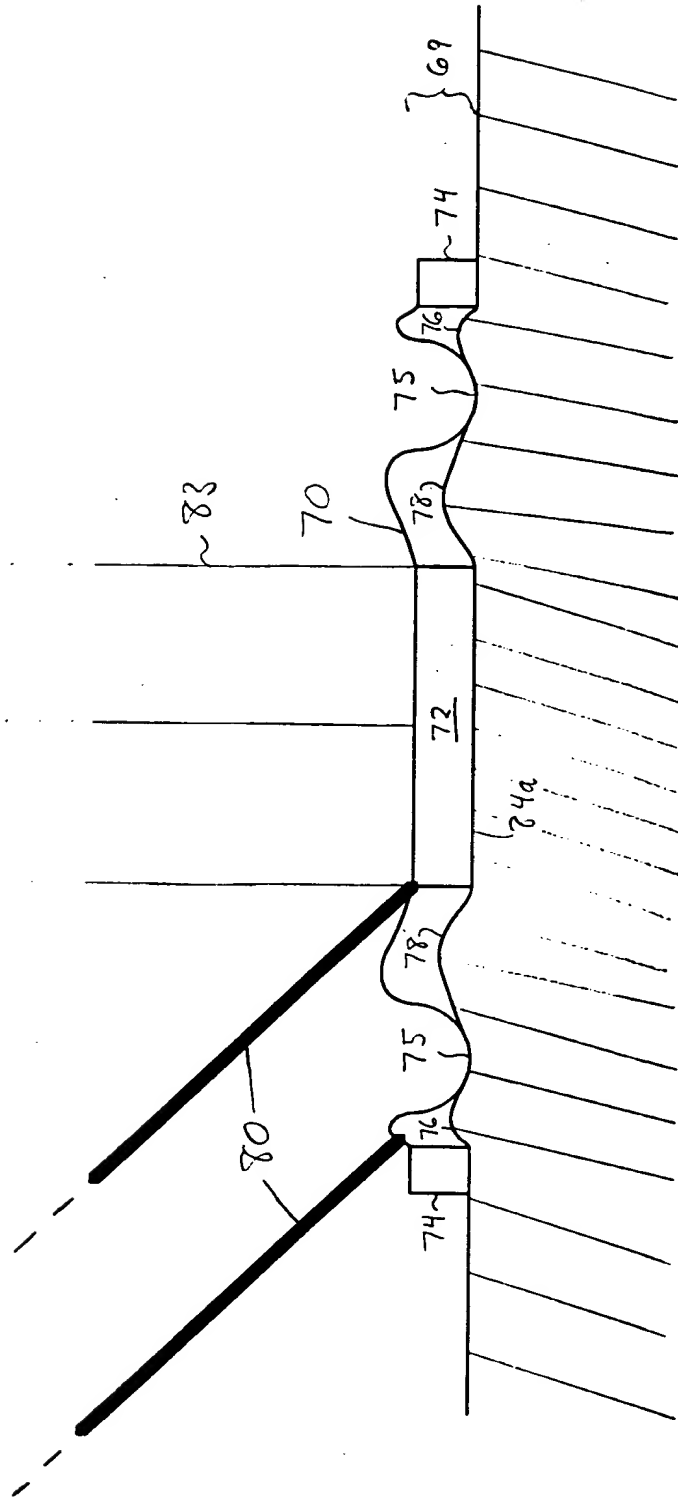


FIG. 11

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